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Datasheet for ABIN1386961

anti-RNF8 antibody



Overview

Quantity:	100 μL
Target:	RNF8
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNF8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RNF8
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	RNF8
Alternative Name:	RNF8 (RNF8 Products)
Background:	Synonyms: C3HC4 type zinc finger protein, E3 ubiquitin protein ligase RNF8, E3 ubiquitin-protein ligase RNF8, Ring finger protein C3HC4 type 8, RING finger protein 8, RNF 8, RNF8, RNF8_HUMAN, UBC13/UEV interacting ring finger protein.

Background: The RING finger motif is a specialized DNA-binding zinc finger domain found in many transcriptional regulatory proteins. The ring finger protein (RNF) family includes any protein containing the signature RING finger motif. RNF8 is a ubiquitously expressed nuclear RING finger protein that acts as an E3 ubiquitin-protein ligase. It is required for the ubiquitination of some nuclear proteins and promotes their subsequent degradation. The heterodimeric ubiquitin-conjugating enzyme UBC13 interacts with RNF8, and they co-localize in the nucleus. RNF8 may regulate mediation of UBC13 polyubiquitylation by elongating the ubiquitin chains. RNF8 also binds to Retinoid X receptor alpha (RXR?, a member of the steroid hormone receptor superfamily. It increases RXR?mediated transactivation of the RXR?responsive element (RXRE) promoter in a dose-dependent manner, suggesting that RNF8 is a regulator of RXR?mediated transcriptional activity.

Gene ID:

9025

Pathways:

Production of Molecular Mediator of Immune Response

Application Details

Application Notes:

WB 1:300-5000

IHC-P 1:200-400

IF(IHC-P) 1:50-200

Restrictions:

For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months